Your Perfect Shot

Watch: <http://www.youtube.com/watch?v=2FEmBY-n71Y>

Introduction:

Read: <http://www.noahbasketball.com/royston.php>

Find you optimal arc: <http://www.noahbasketball.com/optimal_arc.php>

Activity:

Please rotate through the group roles:

1. Recorder (shot made or missed)/distance from hoop
2. Videographer
3. Shooter
4. Passer

Please save the video recording to your computer. We will work with the data next week.

Data Analysis:

For each shot, measure the angle of the shot on the screen. Then record if this angle was a “make” or “miss.”

Conclusion (WRITE THE FOLLOWING ON YOUR BLOG. You need at least 8 quality sentences):

1. Describe your data. Does it match what the article said?

2. Answer one of the following:

Why do you think there is an “ideal” angle for a person’s shot?

Why do you think there isn’t an ideal angle and this is just a scam to make you buy a product?

3. How does this activity relate to what you have learned in Geometry and Advanced Mathematics?